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**METHOD AND SYSTEM FOR DISCRIMINATING RA DRIVEN  
FROM LA DRIVEN ATRIAL FLUTTER**

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**Abstract of the Disclosure**

A method and system for evaluating observed atrial activity, such as via an implantable cardiac stimulation device, to discriminate between the left and right atria as sites of origin of observed atrial flutter. The left and right atrial rates are compared for equivalence, stability, and relative time shift with respect to each other to determine which, if either, can be identified as the chamber of origin of the tachycardia. If relative comparison of the observed left and right atrial events is inconclusive, an evaluation can be made to attempt to determine the first flutter beat and its location under the assumption that the chamber in which a flutter beat was first observed was the site of origin. Determination of a particular atrium as the site of origin of flutter facilitates targeted delivery of ATP therapy to the determined site of origin.